



BALDOR® • *RELIANCE*

Product Information Packet

CHC365A

.5HP,1100RPM,1PH,60HZ,56,1728C,TEAO,F1



Product Detail									
Revision:	J	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod Type:	1728C	Elec. Spec:	17WGW419	CD Diagram:	CD0804		
Enclosure	TEAO	Mfg Plant:		Mech Spec:	17K045	Layout:	17LYK045		
Frame:	56	Mounting:	F1	Poles:	06	Created Date:			
Base:	RS	Rotation:	RS	Insulation:	B	Eff. Date:	10-31-2007		
Leads:	7#18	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1203A01									
CAT.NO.	CHC365A			ENCL			TEAO		
SPEC.	17K045W419			FRAME			56		
HP	.5 AIR OVER								
VOLTS	115/230								
AMPS	6.4/3.2								
RPM	1100								
HZ	60			PH			1	CL	B
SER.F.	1.15			DES			-	CODE	F
FL EFF	68			PF					
RATING	40C AMB-CONT								
SF AMP				USABLE AT 208V			3.4		
SER.									
MANUAL	N			AUTO			Y	NONE	N
BLANK									

Parts List			
Product ID	Description	Quantity	List Price
SA072143	SA 17K045W419	1.000	176.00
RA065931	RA 17K045W419	1.000	147.00
OC3012F12SP	CYL OIL CAP 12MFD/370V	1.000	25.00
WD4100A49	CAPLUG,BP-13/16,PLUG W/RECESSED HEAD	1.000	2.00
11XT0832G06	8-32 X 3/8 TY 23 TAP GRN. X	1.000	3.00
LD5000A52	LEAD ASSY W/INTERNAL STAR RING TERMINALS	1.000	5.00
11XT1032A06	10-32 X 3/8 HX WSHR HD SLTD TYPE 23	2.000	3.00
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000	2.00
RM1000A03SP	CUSHION RING, MDL 17-33-34	1.000	7.00
HA6004A01A	CLAMP CUSHION RING ASSY	1.000	4.00
33CB4800A02	CAPACITOR COVER, STAMPED	1.000	3.00
35GS3001A02	GASKET, CA.COVER, 5.38 LONG .06 CS301	1.000	4.00
51XB1016A05	10-16X5/16HX WA SL SR TYB (F/S)	2.000	2.00
WD1000A16	2-520128-2 AMP FLAG TERMINAL(4M/RL)	1.000	823.00
HW5100A03SP	WAVY WASHER (W1543-017)	1.000	2.00
17EP3100D01	PU ENDPLATE, MACH W/HUB ENCLOSED	1.000	17.00
XY0832A02	8-32 HEX NUT	4.000	2.00
RM1000A03SP	CUSHION RING, MDL 17-33-34	1.000	7.00
HA6004A01A	CLAMP CUSHION RING ASSY	1.000	4.00
34CB4501SP	TERMINAL BOX LID, STAMPED X (PLATED)	1.000	20.00
34GS1005	GASKET, TERM PLATE LID	1.000	2.00
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000	2.00
HW2501D13SP	KEY, 3/16 SQ X 1.375	1.000	2.00
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000	2.00

Parts List (continued)

Product ID	Description	Quantity	List Price
17EP3200DT01	FR ENDPLATE, MACH W/HUB	1.000	17.00
SP5126	MDL 17L TERM PANEL 3 PH W/TABS & 3/4 THE	1.000	26.00
34BA4003G01A	RESILIENT BASE, MODEL 34 NEMA 56 AUTOPHO	1.000	17.00
HA3169A16	THRUBOLT #8-32 THDS X 9.937"LG TDR#1	4.000	4.00
LB1125A01SP	STOCK MTR CARTON LABEL LASER PRINTER	1.000	3.00
LB5040	INSTRUCTION TAG, AC & DC	1.000	2.00
NP1203A01	NP LABEL 1PH, DV, REV (FOR COMMERCIAL MO	1.000	
34PA1005	PACKING GROUP, BALDOR	1.000	10.00

Performance Data at 230V, 60Hz, 0.5HP (Typical performance - Not guaranteed values)

General Characteristics

Full Load Torque:	2.3 LB-FT	Start Configuration:	DOL
No-Load Current:	2.0 Amps	Break-Down Torque:	4.3 LB-FT
Line-line Res. @ 25°C.:	5.87 Ohms A Ph / 11.5 Ohms B Ph	Pull-Up Torque:	0.55 LB-FT
Temp. Rise @ Rated Load:	80°C	Locked-Rotor Torque:	0.6 LB-FT
Temp. Rise @ S.F. Load:	0°C	Starting Current:	11.0 Amps

Load Characteristics

% of Rated Load:	25	50	75	100	125	150	S.F.
Power Factor:	46.0	60.0	69.0	76.0	80.0	83.0	0.0
Efficiency:	44.4	60.6	66.3	68.0	67.3	63.7	0.0
Speed:	1183.0	1168.0	1152.0	1133.0	1111.0	1080.0	0.0
Line Amperes:	2.2	2.4	2.7	3.2	3.7	4.4	3.5

Performance Graph at 230V, 60Hz, 0.5HP (Typical performance - Not guaranteed values)





